ViewZ

17/19-INCH
TFT-LCD MONITOR

INSTRUCTION MANUAL

Please read this manual thoroughly before use, and keep it handy for future reference.

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This Monitor was
Manufactured by ISO 9001
Certified Factory

Important Safety Instruction

1. Read these instructions.
2. Keep these Instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers,stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.
   Apolarized plug has two blades with one wider than the other.
   Agrounding type plug has two blades and a third grounding prong.
   The wide blade or the third prong are provided for your safety.
   If the provided plug does not fit into your outlet, consult an electrician for replacement of the bsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

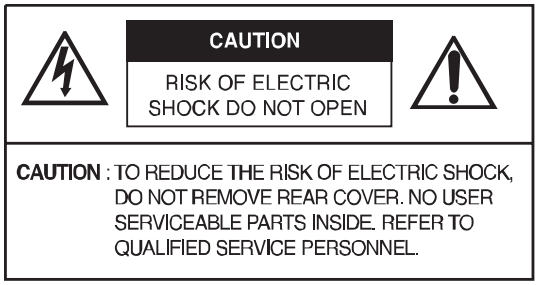
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus the apparatus has been exposed to rain or moisture does not operate normally or has been dropped.

SAFETY INSTRUCTION

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed no the apparatus.
- Minimum distances(e.g. 10cm) around the apparatus for sufficient ventilation.

“WARNING - To reduce the risk of fire or electric shock, do not expose the apparatus to rain or moisture.”

“The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.”


CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated : dangerous voltage with in the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

CAUTIONS

CAUTION

The power supply cord is used as the main disconnect device, ensure that the socket-outlet is located/installed near the equipment and is easily accessible.

ATTENTION

Le cordon d`alimentation est utillsé comme interrupteur général. La prise de courant doit être située ou installée à proximité du matériel et être facile d`accès

CAUTION TO SERVICE PERSONNEL

POWER SUPPLY CORD IS USED AS MAIN POWER DISCONNECT DEVICE IN THIS PRODUCT. UNPLUG THIS PRODUCT FROM THE WALL OUTLET BEFORE REMOVING THE BACK COVER AND SERVICING

EMISSION CHARACTERISTICS TESTED BY SEMKO

THIS PRODUCT HAS BEEN TESTED AND HAS SHOWN COMPLIANCE WITH THE NATIONAL SPECIFICATIONS SUCH AS SWEDISH MPR 1990.10.(MPR II)

▶ **NEVER REMOVE THE BACK COVER**

Removal of the back cover should be carried out only by qualified personnel.

▶ **DO NOT USE IN HOSTILE ENVIRONMENTS**

To prevent shock or fire hazard, do not expose the unit to rain or moisture.

This unit is designed to be used in the office or home. Do not subject the unit to vibrations, dust of corrosive gases.

▶ **KEEP IN A WELL VENTILATED PLACE**

Ventilation holes are provided on the cabinet to prevent the temperature from rising.

Do not cover the unit or place anything on the top of unit.

▶ **AVOID HEAT**

Avoid placing the unit in direct sunshine or near a heating appliance.

▶ **TO ELIMINATE EYE FATIGUE**

Do not use the unit against a bright back ground and where sunlight or other light sources will shine directly on the monitor.

▶ **BE CAREFUL OF HEAVY OBJECT**

Neither the monitor itself nor any other heavy object should rest on the power cord.

Damage to a power cord can cause fire or electrical shock.

FCC RF INTERFERENCE STATEMENT

NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

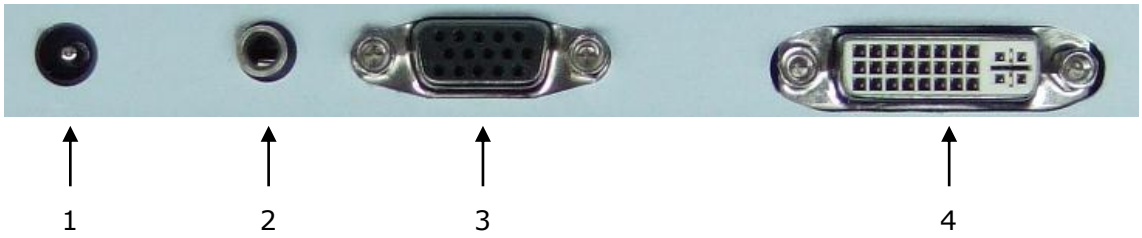
Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

▶ DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

CONNECTING WITH EXTERNAL EQUIPMENT

A. BOTTOM PANEL CONTROL



1. DC12V

2. PC AUDIO

3. PC-RGB

PC Analog(VGA) Input

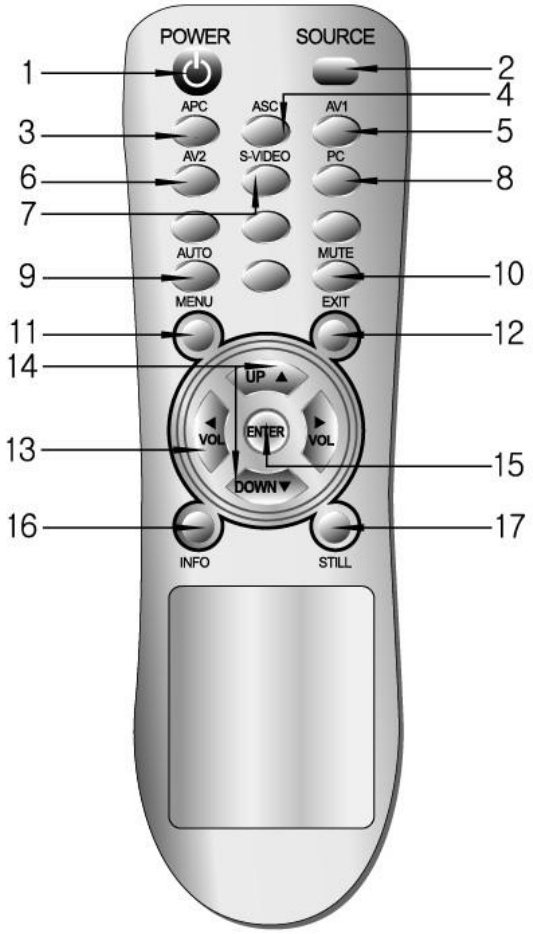
4. DVI

PC Digital Input

REMOTE FUNCTIONS

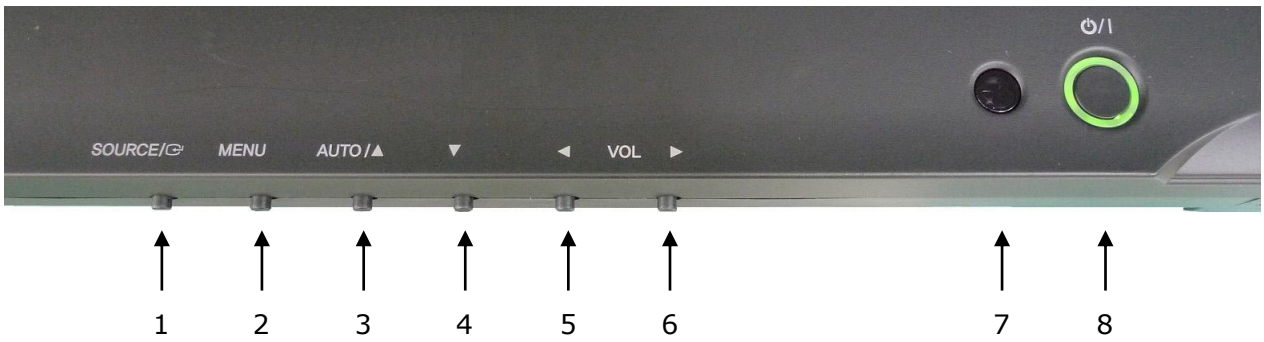
B. REMOTE CONTROLLER (Option)

1. POWER(⏻)
Turns the power ON or OFF. There will be a few seconds delay before the display appears.
2. SOURCE
Select pc or video(AV1 / AV2 / PC) sources.
3. APC (Auto Picture Control)
Select picture mode.
4. ACC (Auto Colour Control)
Select Colour mode.
5. AV1
Select AV1 mode.
6. AV2
Select AV2 mode.
7. S-VIDEO
Not operating.
8. PC
Select PC mode
9. AUTO
Auto geometry adjustment in PC Source.
10. MUTE
Mute the sound.
11. MENU
Activates and exits the On Screen Display.
12. EXIT
Exit the On Screen Display.
13. VOL(◀▶)
Increases or decreases the level of audio volume.
14. UP/DOWN
Move to OSD menu.
15. ENTER
Accepts your selection or displays the current mode.
16. INFO
Not operating.
17. STILL
Not operating.



CONTROLS AND FUNCTIONS

C. FRONT KEY CONTROL



1. SOURCE /
Select input source, and move the previous menu.

2. MENU
Activates and exits the On Screen Display.
This button can also be used to move previous menu or status.

3, 4. AUTO/▲, ▼
These buttons allow user to move the sub-menu of the activated function.
AUTO/▲ : Auto geometry adjustment.
▼ : Audio mute on or off when disappeared OSD.

5/6. ◄ VOL ►
Adjust the volume and menu settings.

7. IR Sensor
Remote controller sensor. The remote controller is optional.

8. POWER ON/OFF(/ I)
Turn the power ON or OFF. There will be a few seconds delay before the display appears.
The power LED lights with green when the power is turned ON.
The power is turned off by pressing the power switch again and the power LED goes to Red

CONTROLS AND FUNCTIONS

1. SELF-TEST DISPLAY

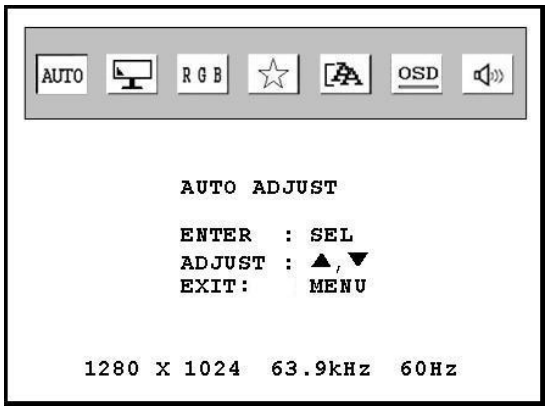
When there is no connection at PC, the On Screen Display will show for 3 seconds.

POWER SAVING MODE

2. OSD MENU DESCRIPTION

2-1 AUTO ADJUST

Adjust screen size when input is Analog(VGA).



2-2. SCREEN

1) BRIGHTNESS

Increase or decrease the intensity of the image.

2) CONTRAST

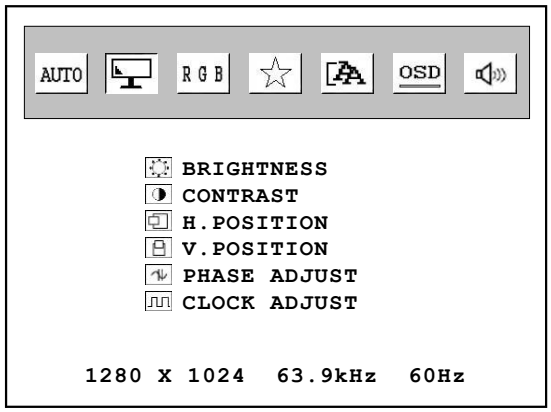
Increase or decrease the intensity (lightness or dimness) of the image

3) H.POSITION

Move image horizontally on screen right or left.

4) V.POSITION

Move image vertically on screen up or down.



5) PHASE ADJUST

Remove and horizontal noise and clear up or sharpen the character images.

6) CLOCK ADJUST

Minimize any vertical bras or stripes appearing on the screen background.

CONTROLS AND FUNCTIONS

2-3. COLOR

1) COLOR TEMP.

Adjust color temperature to 9300, 6500, user.

2) RED

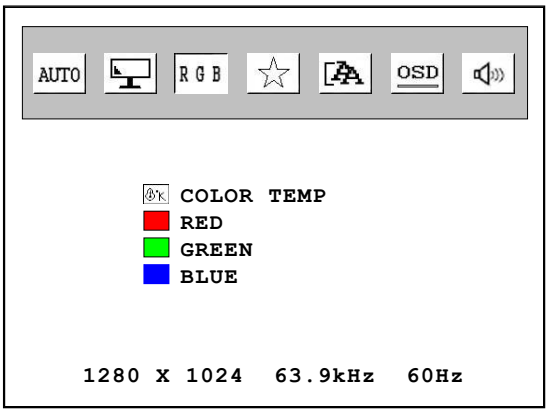
Adjust red color for user.

3) GREEN

Adjust green color for user.

4) BLUE

Adjust blue color for user.



2-4. UTILITY

1) RECALL

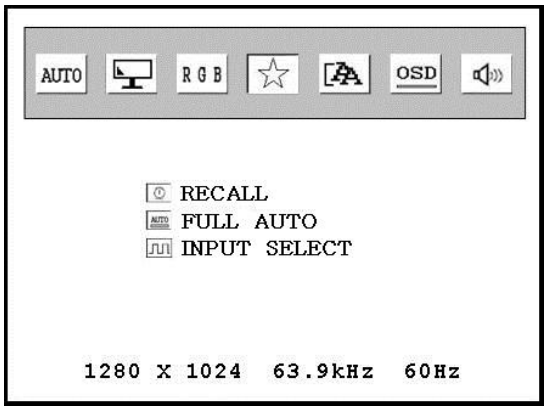
Return to the default settings programmed at the factory; default setting.

2) FULL AUTO

Adjust color temperature and screen size.

3) INPUT SELECT

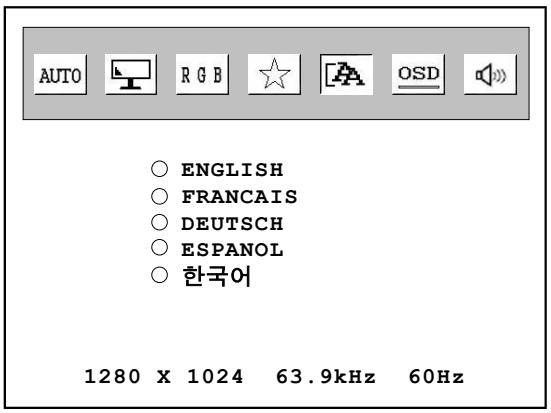
Select the Analog(VGA) or Digital(DVI).



2-5. LANGUAGE

The menu displays selected languages.

First, select your language.



CONTROLS AND FUNCTIONS

6. OSD

1) OSD TIMEOUT.

Select the OSD display timing.

2) OSD H.POSITION

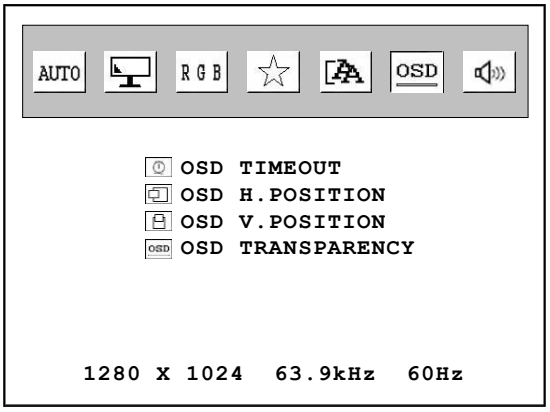
Move the OSD position to right or left.

3) OSD V.POSITION

Move the OSD position up or down.

4) OSD TRANSPARENCY

Select the OSD background.



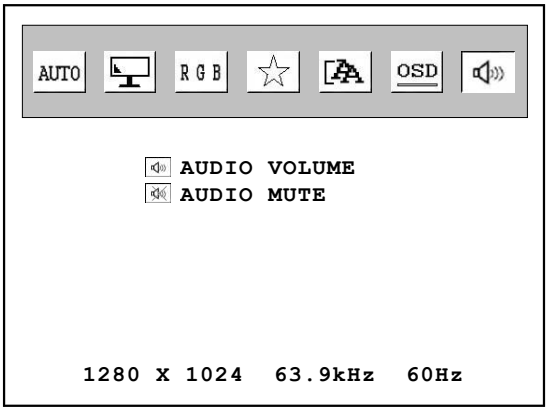
7. AUDIO

1) AUDIO VOLUME

Adjust audio volume.

2) AUDIO MUTE

Mute audio volume.

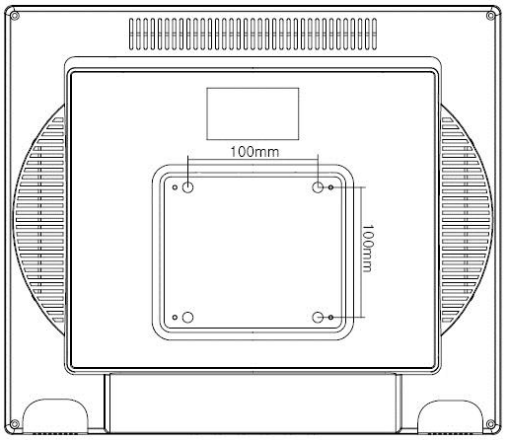


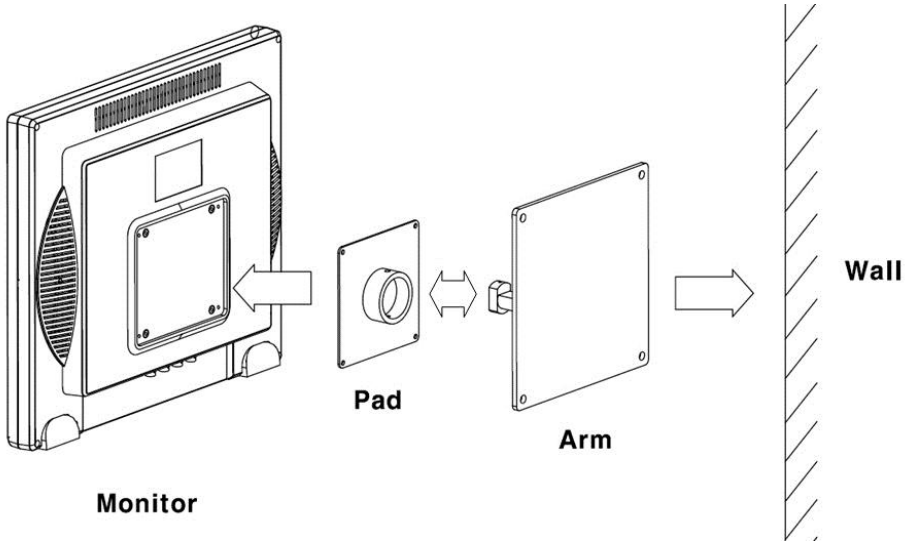
MOUNTING GUIDE

Using the VESA standard wall mount design and the 100mm hole pattern on the back panel to install the LCD monitor to the wall.

Wall-mount Installation (Option)

1. The Monitor fixing bracket to the monitor using the fixing screws provided.
2. The monitor fixing bracket assembled with monitor.





※ Attention!

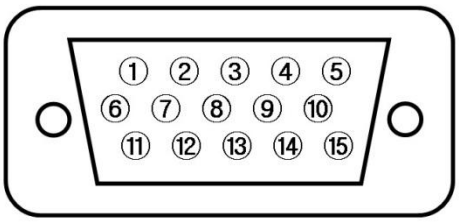
You must use four M4x10 screws to assemble this monitor and the wall mount bracket.

D-SUB CONNECTOR PIN ASSIGNMENTS

▶ PIN ASSIGNMENTS

Pin 1	RED VIDEO	9	
2	GREEN VIDEO	10	SIGNAL CABLE DETECT
3	BLUE VIDEO	11	GROUND
4	GROUND	12	SDA(for DDC)
5	GROUND	13	H-SYNC.(or H+V SYNC.)
6	RED GROUND	14	V-SYNC.
7	GREEN GROUND	15	SCL(for DDC)
8	BLUE GROUND		

D-SUB



▶ ACCESSORIES

1. Power cord
2. Power adaptor
3. User’s manual
4. PC cable
5. DVI cable (Option)
6. Stereo cable (Option)
7. Remote controller (Option)
8. Batteries (Option)
9. Wall mount (Option)
10. Rack mount (Option)

POWER MANAGEMENT

This monitor features a power management system to “power down” upon receipt of the VESA DPMS(The display power management signaling) from a VESA DPMS video card.
The VESA DPMS-compliant video card performs this signaling system through not sending horizontal, vertical, or sync signal.
This monitor enters an appropriate mode through identifying each of the three modes of the signaling system.

POWER CONSUMPTION

MODE	POWER CONSUMPTION	
ON	17”	19”
	< 36W	< 42W
STANDBY	< 3W	
SUSPEND	< 3W	
ACTIV OFF	< 3W	

LED INDICATOR

The power management feature of the monitor is comprised of four stages:
On(Green), Standby, Suspend, Active off(Red on/off 1 sec) and Unsupported mode(Green).

MODE	LED COLOR	MONITOR OPERATION
ON	GREEN	Normal Operation
STANDBY	RED	Screen blanks after preset idle time And some electronic circuits or all Circuitry in the monitor shut down.
SUSPEND		
ACTIV OFF		
UNSUPPORTES MODE	GREEN	Normal operation but the on screen Display will show error massage
POWER OFF	RED	Not Operation

SPECIFICATIONS

	17"	19"
LCD- Type	17″ Diagonal AM-TFT(Active-Matrix)	19″ Diagonal AM-TFT(Active-Matrix)
	Pixel pitch(mm) : 0.264(H) x 0.264(V)	Pixel pitch(mm) : 0.294(H) x 0.294(V)
	BRIGHTNESS: 250cd/㎡(Typical)	BRIGHTNESS: 250cd/㎡(Typical)
	CONTRAST RATIO: 1000:1(Typical)	CONTRAST RATIO: 800:1(Typical)
	RESPONSE TIME: 5msec(Typical)	RESPONSE TIME: 5msec(Typical)
RESOLUTION (H x V)	1280X1024 @60Hz	1280X1024 @60Hz
FREQUENCY	HORIZONTAL: 31~64KHz VERTICAL: 56-75Hz	HORIZONTAL: 31~64KHz VERTICAL: 56-75Hz
INPUT SIGNAL	DVI D(Digital Video Interface)	
	PC RGB	
	PC Stereo Sound	
ACTIVE DISPLAY AREA (W x H)	337.9 mm x 270.3 mm (13.3'' X 10.64'')	376.32mm X 301mm (14.82'' X 11.85'')
PACKING DIMENSIONS (W x D x H)	435mm X 235mm X 472mm (17.13'' X 9.25'' X 18.58'')	495mm X 235mm X 505mm (19.49'' X 9.25'' X 19.88'')
WEIGHT	Net Weight : 4.8Kg (10.56 lbs)	Net Weight : 5.1Kg (11.22 lbs)
	Gross Weight : 6.6Kg (14.52 lbs))	Gross Weight : 7.1Kg (15.62 lbs)
ELECTRICAL RATINGS	12V ⎓ 3.0A (100-240V~, 50/60Hz)	12V ⎓ 3.5A (100-240V~, 50/60Hz)

▶▶ NOTE :

Technical specifications are subject to change without notice.

TROUBLESHOOTING GUIDE

TROUBLE	TROUBLESHOOTING TIP
No image on display screen	1. Check that power cord of the Monitor have been connected securely into wall outlet or grounded extension cable or strip. 2. Power switch should be in the ON position and LED is lit. 3. Check that the Brightness and/or the Contrast adjustments of the Display have not been turned down to minimum levels.
"POWER SAVING MODE" message on screen	1. The signal cable should be completely connected to the video card/computer. 2. The video card should be completely seated in its slot and the computer is switched ON.
Display image is not centered, too small or too large in PC mode	Push the down key in front side or Auto key in remote controller.
Vertical or Horizontal noise is present in the picture	Adjust Clock and Phase in the OSD.

WEEE Symbols

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)
(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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